Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 31 Dec 2020 until 23:59 on Friday 01 Jan 2021

Forecast Issued on Wednesday 30 Dec 2020 at 13:51

Confidence: High for the cold northerly flow at first, which veers to a milder showery easterly from Sunday, but confidence lowering for the detail of timings, intensity and snow levels on worst of the weather.

Headline for Thursday 31 Dec 2020: Sunshine and wintry showers. Significant wind chill at height.

Mountain weather hazards on Thursday 31 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Light snow showers (night)	Heavy snow showers (night)	Light snow showers	Sunny intervals	Sunny intervals	Light snow showers (night)	Light snow showers (night)
Precipitation probability							
20%	40%	60%	30%	20%	20%	30%	30%

Forecast for Thursday 31 Dec 2020

Weather: Wintry showers between clear or weak sunny spells. Showers most frequent around dawn and from mid-evening, with mainly dry and bright conditions from mid-morning through the afternoon. Snow reaching most levels.

Chance of cloud free mountain/hill tops above 600m: 70% around dawn and during evening, otherwise 90%, with bases lowering to 450-650m sporadically as showers push through.

Visibility: Good or very good lowering to a handful of kilometres in the wintry showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 31 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/11 W	9/14 W	8/12 W	4/7 NW	6/9 N	6/8 NW	6/9 NW	7/10 NW	10/15 N
300	5/7 SW	6/9 SW	5/7 SW	3/5 NW	3/6 NW	5/7 NW	5/7 SW	4/7 NW	6/9 NW
Valley	1/4 SW	2/5 S	2/5 SE	2/4 NE	3/5 NW	3/7 NW	2/4 W	2/6 NW	2/7 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-7	-3/-7	-3/-7	-3/-5	-2/-6	-2/-6	-2/-6	-2/-6	-1/-6
300	-2/-5	-2/-6	-2/-5	-1/-3	-0/-2	-0/-3	-2/-4	-2/-4	-1/-4
Valley	-2/-4	-3/-5	-2/-4	-1/-3	0/-2	-0/-2	-2/-4	-1/-3	-1/-2
Freezing Level*	00m	00m	00m	100m	200m	200m	100m	100m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill over summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 30 Dec 2020	0.6mm	0.8mm	1mm

Forecast for Friday 01 Jan 2021

Weather: Sunshine and occasional shower with snow level around 500m. Outbreaks dying away from the west through the afternoon, with most dry with clear skies for the evening.

Maximum wind: North or Northwest initially 15-20mph with gusts 30mph, decreasing gradually from mid-day.

Chance of cloud free mountain/hill tops above 600m: 70% becoming 95% plus from late afternoon, with bases lowering to 450-650m sporadically as showers push through.

Visibility: Good or very good lowering to a handful of kilometres in the wintry showers.

Temperature: **Valleys:** Minus 5 Celsius rising Plus 03 Celsius during the afternoon
At 600m: Zero Celsius lowering minus 3 Celsius later
Freezing level: 600m lowering to near sea level later

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